

**Structural FAC  
Teleconference Minutes  
21 February 2001**

**1. Participants:** The following members participated in this month's meeting:

Lori Taylor (MVP)  
Jim Bruszewski (LRB)  
Ed Schilling (MVK)  
Jeff Qunell (NWS)  
Don Cook (SAJ)  
Mike Boe (SAJ – CADD Manager)

Ed Schilling, Vicksburg District, is the newest member of the STFAC. Welcome Ed.

**2. Minutes:** Minutes from the 10 January meeting are available on the Corps of Engineers Knowledge Base website <http://ckb.wes.army.mil/>.

**3. FY02 Project Proposals:** Three project proposals are being submitted to the CADD/GIS Technology Center for consideration:

- Development of a Structural Virtual Center of Expertise (website)
- Structural Detail Library Additions
- Development of a MathCAD Library

The three proposals were discussed. It was decided that the initial number of worksheets to be included in the MathCAD library would be increased from 20 to 40, increasing the total cost from \$15,000 to \$26,200. No changes were made to the other two proposals.

**4. Structural Level Tables:** The structural level tables have been finalized by the CADD Center. Thanks to everyone for their efforts.

**6. Detail Library:** Some sidewalk details from the CADD Center's Detail Library were recently used in a project. The details looked good, but were hard to manipulate/edit. Multi-line text is placed as individual lines rather than text nodes, dimensions are individual elements rather than automatic, patterns are not in graphic groups, and parallel lines are used to fill objects rather than the fill command. It is assumed these details were created using a very early version of MicroStation or were converted from AutoCAD. Steve Spangler of the CADD Center was notified of these problems.

**7. Software Survey:** To date 22 out of the 41 districts surveyed have responded. The survey results are being forwarded to Jean McGinn in HQ.

**8. Scaling Survey:** Survey results were forwarded to Steve Spangler at the CADD Center. Steve stated three methods of developing sheet files will be included in the next release of the A/E/C CADD Standard. These methods are: scaling the border to fit the model, scaling the model to fit the border, and changing the working units.

**9. The Next Meeting** will be a conference call to be held on 11 March 2001 at 1:00 p.m. CDT. FAC members will be emailed with details.